

**DECLARATION AND POWER OF ATTORNEY
FOR U.S. PATENT APPLICATION**

Original Supplemental Substitute PCT Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE: DEVICES AND METHODS FOR CONTROLLING ACTIVE TERMINATION
RESISTORS IN A MEMORY SYSTEM**

of which is described and claimed in:

the attached specification, or

the specification in the application Serial No. 10/224,632 filed August 21, 2002,
and with amendments through _____ (if applicable), or

the specification in International Application No. _____ filed _____,
and as amended on _____ (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United State Code, §119 (and §172 if this application is for a Design) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application in which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED

I hereby claim the benefit under Title 35, United States code, §120 and §119(e) of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED
60/330,083	October 19, 2001	Pending

VOLENTINE FRANCOS, P.L.L.C. (9/2001)

And I hereby appoint Adam C. Valentine, Reg. No. 33289 and William S. Francos, Reg. No. 38,456, and the firm of *VOLENTINE FRANCOS, P.L.L.C.*, jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and following instructions from
Y.P. LEE & ASSOCIATES as to any action to be taken in the U.S. Patent and Trademark Office
regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Kindly direct all correspondence to:

VOLENTINE FRANCOS, P.L.L.C.
12200 Sunrise Valley Drive,
Suite 150
Reston, VA 20191

Telephone (703) 715-0870
Facsimile (703) 715-0877

FULL NAME OF 1 ST INVENTOR	FAMILY NAME KYUNG	FIRST GIVEN NAME KYE-HYUN	SECOND GIVEN NAME	
RESIDENCE & CITIZENSHIP	CITY YOUNGIN-CITY	STATE OR COUNTRY REPUBLIC OF KOREA	COUNTRY OF CITIZENSHIP REPUBLIC OF KOREA	
POST OFFICE ADDRESS	ADDRESS SAMSUNG 5-CHA APT 512-1301, JINSAN-MAEUL, BOJEONG-RI, GUSEONG-EUP, YOUNGIN-CITY, GYEONGGI-DO, REPUBLIC OF KOREA	CITY	STATE OR COUNTRY	ZIP CODE
FULL NAME OF 2 ND INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
FULL NAME OF 3 RD INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE

FULL NAME OF 4 TH INVENTOR	FAMILY NAME		FIRST GIVEN NAME	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF 5 TH INVENTOR	FAMILY NAME		FIRST GIVEN NAME	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
FULL NAME OF 6 TH INVENTOR	FAMILY NAME		FIRST GIVEN NAME	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Kye-Hyun Kyung Date: 1 Oct. 2002
 Kye-Hyun Kyung

2nd Inventor _____ Date: _____

3rd Inventor _____ Date: _____

4th Inventor _____ Date: _____

5th Inventor _____ Date: _____

6th Inventor _____ Date: _____

 Applicant Reference No. ID2001009-020 Atty Docket No. SEC.924